

Listing of Claims:

1-26. (Cancelled)

27. (Presently Presented) A wiper comprising a nonwoven fabric and a sanitizing formulation applied to said nonwoven fabric in an amount from about 150% to about 600% of the dry weight of the wiper, said sanitizing formulation comprising a surfactant component that consists essentially of one or more nonionic surfactants, and said sanitizing formulation further comprising between about 0.01% by weight to about 0.4% by weight of at least one benzalkonium halide, wherein said sanitizing formulation has a pH of greater than about 8 and is configured so that said formulation is released from said nonwoven fabric as a solution during use of the wiper in food service applications, said benzalkonium halide being present within said released solution in an amount less than about 2000 parts per million of said released solution, and wherein the wiper exhibits a log reduction for *E. Coli*, *S. Aureus*, or both of at least about 3 and a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 40.

28. (Original) A wiper as defined in claim 27, wherein said benzalkonium halide comprises between about 0.1% to about 0.4% by weight of said sanitizing formulation.

29. (Previously Presented) A wiper as defined in claim 27, wherein said sanitizing formulation further comprises a sequestrant in an amount between about 0.01% to about 1.5% by weight of said sanitizing formulation.

30. (Previously Presented) A wiper as defined in claim 27, wherein said nonionic surfactants are present in an amount between about 0.01% to about 1% by weight of said sanitizing formulation.

31. (Original) A wiper as defined in claim 27, wherein said sanitizing formulation further comprises non-aqueous solvent in an amount between about 1% to about 15% by weight of said sanitizing formulation.

32. (Original) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 4.

33. (Original) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 4.

34. (Previously Presented) A wiper as defined in claim 27, wherein said benzalkonium halide is present in an amount of between about 150 to about 400 parts per million of said released solution.

35. (Previously Presented) A wiper comprising a nonwoven fabric and a sanitizing formulation applied to said nonwoven fabric in an amount from about 150% to about 600% of the dry weight of the wiper, said sanitizing formulation comprising a surfactant component that consists essentially of one or more nonionic surfactants, and said sanitizing formulation further comprising between about 0.01% by weight to about 0.4% by weight of at least one benzalkonium halide, wherein said sanitizing formulation has a pH of greater than about 8 and is configured so that said formulation is released from said nonwoven fabric as a solution during use of the wiper in food service applications, said benzalkonium halide being present within said released solution in an amount less than about 2000 parts per million of said released solution, and wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 100.

36. (Previously Presented) A wiper as defined in claim 35, further comprising a preservative, a sequestrant, a non-aqueous solvent, or combinations thereof.

37. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 200.

38. (Previously Presented) A wiper as defined in claim 35, wherein said benzalkonium halide is present in an amount of between about 150 to about 400 parts per million of said released solution.

39-49. (Cancelled)

50. (Previously Presented) A wiper as defined in claim 27, wherein said benzalkonium halide is present in an amount of less than about 400 parts per million of said released solution.

51. (Previously Presented) A wiper as defined in claim 35, wherein said benzalkonium halide is present in an amount of less than about 400 parts per million of said released solution.

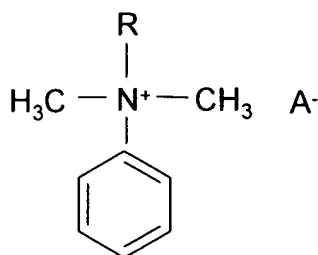
52. (Cancelled)

53. (Previously Presented) A wiper as defined in claim 27, wherein said nonwoven fabric contains cellulosic fibers.

54. (Previously Presented) A wiper as defined in claim 35, wherein said nonwoven fabric contains cellulosic fibers.

55. (Cancelled).

56. (Previously Presented) A wiper as defined in claim 27, wherein said benzalkonium halide has the following formula:



wherein,

R is a C₈-C₁₈ alkyl group; and

A is a halogen atom.

57. (Previously Presented) A wiper as defined in claim 27, wherein said sanitizing formulation further comprises between about 0.001% to about 30% by weight of non-aqueous solvent.

58. (Previously Presented) A wiper as defined in claim 27, further comprising between about 0.001% to about 5% by weight of preservative.

59. Canceled

60. (Previously Presented) A wiper as defined in claim 27, wherein the pH of said sanitizing formulation is between about 9 to about 12.

61. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 3.

62. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 5.

63. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 3.

64. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 5.

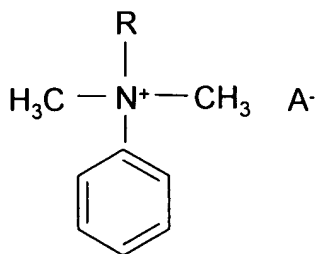
65. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 100.

66. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 200.

67. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 400.

68. (Previously Presented) A wiper as defined in claim 27, wherein the wiper exhibits an Antimicrobial Reduction of less than about 95%.

69. (Previously Presented) A wiper as defined in claim 35, wherein said benzalkonium halide has the following formula:



wherein,

R is a C₈-C₁₈ alkyl group; and

A is a halogen atom.

70. (Previously Presented) A wiper as defined in claim 35, wherein said sanitizing formulation further comprises between about 0.001% to about 30% by weight of non-aqueous solvent.

71. (Previously Presented) A wiper as defined in claim 35, further comprising between about 0.001% to about 5% by weight of preservative.

72. Canceled

73. (Previously Presented) A wiper as defined in claim 35, wherein the pH of said sanitizing formulation is between about 9 to about 12.

74. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 3.

75. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 4.

76. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *E. Coli* of at least about 5.

77. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 3.

78. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 4.

79. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a log reduction for *S. Aureus* of at least about 5.

80. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 100.

81. (Previously Presented) A wiper as defined in claim 35, wherein the wiper exhibits a Kill Efficiency Ratio for *E. Coli*, *S. Aureus*, or both of at least about 400.